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PATENTS

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

49/B  
JN  
7/8/02

**Applicant(s):** David S. Roberts, et al.

**Examiner:** Khatol S. Shahnan-Shah

**Serial No:** 09/758,902

**Art Unit:** 1645

**Filed:** January 11, 2001

**Docket:** 15470ZYXW

**For:** MULTICOMPONENT  
CLOSTRIDIAL VACCINES USING  
SAPONIN ADJUVANTS

**Dated:** June 12, 2002

Assistant Commissioner for Patents  
Washington, D.C. 20231

**RESPONSE PURSUANT TO 37 C.F.R. §1.121**

Sir:

In response to the Official Office Action dated December 14, 2001, and in accordance with the provisions of 37 C.F.R. §1.121, Applicants submit the following amendment for entry in the above-identified case.

**IN THE CLAIMS:**

Please amend claim 18 as follows:

18.(Amended) A multicomponent clostridial vaccine composition comprising: (i) immunogens from at least two species or serotypes of Clostridium; (ii) an antigen from a respiratory virus; and (iii) a saponin adjuvant.

**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner of Patents and Trademarks, Washington, D.C. 20231 on June 12, 2002.

Dated: June 12, 2002

Michelle Mustafa